MOTO X SPORTS

STOCK SPEC CARD
motoxsports.com/bikes/beta-480-rr/



BETA
480 RR X-PRO 2027

Enduro · 478cc 4T · US version

Safety recalls: see motoxsports.com/bikes/recalls/

Engine and chassis figures, as the manual prints them, are on the live page.

Partly verified
26 of 27 figures read off a manual page

GEARING

Stock front sprocket	13T	p. 14
Stock rear sprocket	49T	p. 14
Chain pitch	– Not yet verified	
Stock chain links	– Not yet verified	
Stock final drive ratio	3.77 : 1	calc.

WHEELS AND TIRES

Front rim	J 21x1.6	p. 12
Rear rim	J 18x2,15	p. 12
Front tire	90/90-21	p. 12
Rear tire	140/80-18	p. 12

SUSPENSION

Fork Open cartridge hydraulic upside-down fork (Ø48 mm shafts)		p. 13
Fork travel	295 mm (≈ 11.6 in)	p. 13
Shock travel	290 mm (≈ 11.4 in)	p. 13
Stock fork spring rate	9.6 N/mm	p. 13
Stock shock spring rate	– Not yet verified	
Static sag, bike only	– Not yet verified	
Race sag, rider on	– Not yet verified	

FLUIDS AND CAPACITIES

Engine oil spec LIQUI MOLY MOTORBIKE 4T SYNTH 10W-50 OFFROAD RACE		p. 15
Engine oil capacity	750 ml (≈ 25.4 fl oz)	p. 12
Coolant capacity	1300 ml (≈ 44.0 fl oz)	p. 12
Fuel capacity	9 liters (≈ 2.38 gal)	p. 12

SERVICE SPECS

Fork oil	FUCHS SAE 5W	p. 15
Brake fluid LIQUI MOLY BRAKE FLUID DOT 5.1		p. 15
Coolant type LIQUI MOLY COOLANT READY MIX RAF12+		p. 15
Fuel octane	95 RON	p. 15
Idle speed	– Not yet verified	
Valve clearance	– Not yet verified	

MAINTENANCE

Tire pressure (off-road) 1 bar front and rear (off-road use); 1,5 bar front, 1,8 bar rear (road use)		p. 12
Chain slack	35 mm	p. 63
Spark plug and gap	NGK LKAR 8A - 9	p. 14
Chain wear limit If the length is ≥ 272 mm, replace the chain		p. 64
Brake pad wear limit	2 mm	p. 54

DIMENSIONS

Seat height	930 mm (≈ 36.6 in)	p. 12
Wheelbase	1490 mm (≈ 58.7 in)	p. 12
Weight (weight in running order with full fuel and optional)	127.5 kg (≈ 281 lb)	p. 12

SHOP NOTES

Date / hours

Sprockets run

Sag, race / static

Clickers, fork / shock

Tire pressure F / R

Map or jetting

printed on the manual page shown
maker web page or spec sheet calculated, not printed
≈ converted by MotoXSports – not yet verified

Check your own manual before ordering parts or setting up the bike.
Torque values are not published here: use the manual.

motoxsports.com/bikes/beta-480-rr/ · data checked 2026-11-08

1 Beta 2027 Owners Manual, X-PRO USA 350-390-430-500 EFI, Code 037.44.192.83.00, Betamotor S.p.A. pp. 12, 13, 14, 15, 54, 63, 64

The live page, with every source